Claims

1. A composition comprising electrochemically activated water with a chlorine content of no more than 8ppm.

2. A composition as claimed in claim 1, wherein the composition is suitable for use as a disinfectant.

3. A composition as claimed in either of the preceding claims, wherein the chlorine content of the water is between 0.1 and 8ppm and a supersaturated oxygen concentration between 10 and 20mg/litre.

4. A composition as claimed in either of the preceding claims, wherein the chlorine content of the water is between 0.2 and 6ppm and a supersaturated oxygen concentration between 11 and 17 mg/litre.

5. A composition as claimed in either of the preceding claims, wherein the chlorine content of the water is between 0.3 and 4ppm.

6. A composition as claimed in any of the preceding claims wherein said chlorine content is no more than 1ppm.

7. A composition as claimed in any one of the preceding claims, wherein the composition comprises the anolyte solution of the electrochemically activated water.

8. A composition as claimed in claim 7, wherein the solution further comprises the catholyte solution of the electrochemically activated water.

9. A composition as claimed in any one of the preceding claims, wherein the electrochemically activated water has a redox potential of at least +900mV.

10. A composition as claimed in claim 9, wherein the electrochemical water includes an active oxygen species in an amount between 13 and 20mg/l.

11. A composition as claimed in any of the preceding claims, for use in killing or destroying a micro-organism.

12. A composition as claimed in any one of claims 1 to 7, for use in cleaning medical instruments and apparatus.

13. A composition as claimed in any one of claims 1 to 7, for use in cleaning pipes.

14. A composition as claimed in claim 13, wherein the pipes are beer supply pipes.

15. A composition as claimed in any one of claims 1 to 7, for treating a drinking water supply to reduce or remove microbial contaminants.

16. A composition as claimed in claim 15, wherein the treatment reduces the rate of re-contamination of the drinking water compared to water which has been decontaminated by another means.

17. A composition as claimed in any one of claims 1 to 7, for use in therapy.

18. A composition as claimed in claim 17, wherein the composition, wherein the composition is for use in the prevention or treatment of an infection in a subject.

19. A composition as claimed in claim 18, wherein a therapeutically effective dose of the composition is administered orally to the subject.

20. A composition as claimed in claim 19, wherein the composition is administered to the subject prior to, during or after exposure to an infectious micro-organism.

21. A composition as claimed in claim 20, wherein the micro-organism is a virus.

22. A method of killing a micro-organism comprising exposing the micro-organism to a composition as claimed in any one of the preceding claims.

23. Use of a composition as claimed in any one of claims 1 to 7, in the manufacture of a medicament for the treatment or prevention of infection of a subject by an infectious micro-organism, wherein a therapeutically effective dose of the electrochemically activated water is administered to the subject.

24. A use as claimed in claim 23, wherein the composition is administered orally.

25. A method of preparing a composition as claimed in any one of claims 1 to 7, wherein the electrochemically activated water is produced using a sodium chloride - water solution having a chloride ion concentration of 1000-5000ppm.

26. A method of preparing a composition as claimed in any one of claims 1 to 7, wherein the electrochemically activated water is produced by applying a current of 1-20 amps to a sodium chloride water solution.

27. A method of preparing a composition as claimed in any one of claims 1 to 7, wherein the chlorine content of the electrochemically activated water is reduced to 8ppm or less by diluting the electrochemically activated water.